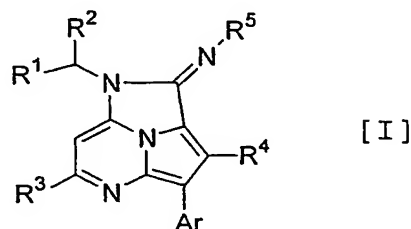


CLAIMS

1. A triaza-cyclopenta[cd]indene derivative represented by the following formula [I]:



(wherein R^1 and R^2 are the same or different, and independently are hydrogen, C_{1-6} alkyl, C_{3-7} cycloalkyl, C_{3-7} cycloalkyl- C_{1-6} alkyl, C_{1-6} alkoxy- C_{1-6} alkyl, hydroxy- C_{1-6} alkyl, cyano- C_{1-6} alkyl, carbamoyl- C_{1-6} alkyl or di(C_{1-6} alkyl)amino- C_{1-6} alkyl, cyano, carbamoyl or aryl;

R^3 is hydrogen, C_{1-6} alkyl, C_{3-7} cycloalkyl, C_{3-7} cycloalkyl- C_{1-6} alkyl, halogen, C_{1-6} alkoxy, C_{3-7} cycloalkyloxy, C_{1-6} alkylthio or $-N(R^6)R^7$;

R^4 is hydrogen, C_{1-6} alkyl, C_{3-7} cycloalkyl or C_{3-7} cycloalkyl- C_{1-6} alkyl;

R^5 is hydrogen, C_{1-6} alkyl, aryl- C_{1-6} alkyl or carbamoyl;

Ar is aryl or heteroaryl which aryl or heteroaryl is unsubstituted or substituted with 1 or more substituents, which are the same or different, selected from the group consisting of halogen, C_{1-6} alkyl, C_{3-7} cycloalkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, C_{1-6} alkylthio, C_{1-6} alkylsulfinyl, C_{1-6} alkylsulfonyl, cyano, nitro, hydroxy, $-CO_2R^8$, $-C(=O)R^9$, $-CONR^{10}R^{11}$, $-OC(=O)R^{12}$, $-NR^{13}CO_2R^{14}$, $-S(=O)_rNR^{15}R^{16}$, trifluoromethyl, trifluoromethoxy, difluoromethoxy, fluoromethoxy and $-N(R^{17})R^{18}$;

R^8 and R^{14} are the same or different, and independently are hydrogen or C_{1-5} alkyl, C_{3-8} cycloalkyl, C_{3-8} cycloalkyl- C_{1-5} alkyl, aryl or aryl- C_{1-5} alkyl;

R^6 , R^7 , R^9 , R^{10} , R^{11} , R^{12} , R^{13} , R^{15} , R^{16} , R^{17} and R^{18} are the same or different, and independently are hydrogen, C_{1-6} alkyl or C_{3-7} cycloalkyl;

r is 1 or 2) or individual isomers thereof or racemic or non-racemic mixtures of isomers thereof, or pharmaceutically acceptable salts and hydrates thereof.

2. The triaza-cyclopenta[cd]indene derivative according to claim 1 represented by the formula [I], wherein R^3 is C_{1-6} alkyl; R^4 is hydrogen or C_{1-6} alkyl;

R⁵ is hydrogen or C₁₋₆alkyl; Ar is phenyl which phenyl is substituted with two or three substituents, which are the same or different, selected from the group consisting of halogen, C₁₋₃alkyl, C₁₋₃alkoxy, C₁₋₃alkylthio, trifluoromethyl, trifluoromethoxy and -N(R¹⁷)R¹⁸ (wherein R¹⁷ and R¹⁸ are the same or different, and independently are hydrogen or C₁₋₃alkyl); R¹, R² and R⁴ are as defined in claim 1, or pharmaceutically acceptable salts and hydrates thereof.

3. The triaza-cyclopenta[cd]indene derivative according to claim 1 represented by the formula [I], wherein R³ is C₁₋₃alkyl; R⁵ is hydrogen or C₁₋₃alkyl; Ar is phenyl which phenyl is substituted with two or three substituents, which are the same or different, selected from the group consisting of halogen and C₁₋₃alkyl; R¹, R² and R⁴ are as defined in claim 1, or pharmaceutically acceptable salts and hydrates thereof.

4. An antagonist for CRF receptors, comprising a triaza-cyclopenta[cd]indene derivative, a pharmaceutically acceptable salt thereof or its hydrate according to any one of claims 1 to 3, as an active ingredient.

5. Use of a triaza-cyclopenta[cd]indene derivative, a pharmaceutically acceptable salt thereof or its hydrate according to any one of claim 1 to 3, for the manufacture of a therapeutic agent as an antagonist for CRF receptors.